

1 2 3 4 5 6 7

A B C D E F G H

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NOTES:

MATERIAL

1. Insulator Material: PBT+30%G.F.(UL94V-0), Grey
 2. Contact Material : Brass
 3. Contact Plating : Gold Flash / Tin or Full Tinned Over Ni

ELECTRICAL

1. Current Rating : 3.0AMP
 2. Withstand Voltage : 1000V AC/minute
 3. Contact Resistance : 20mΩ max
 4. Insulation Resistance: 1000MΩ min

ENVIRONMENTAL

1. Operation Temperature: -40°C to +105°C
 2. Soldering Temperature: 235°C±5°C/5s±1s
 3. Packing : Tray
 4. No side slot "A" and "B" from 6 to 16 pin
 No side slot "A" from 18 to 58 pin

Ordering Information

AWH xxG-0xx2-T

| | |
|-------------------|---------------------|
| ⑨ No. of Contacts | Latch Type |
| 06 08 | 0(w/o latch) |
| 10 12 | 2(with short latch) |
| 14 16 | 2(with long latch) |
| 18 20 | 3(with long latch) |
| 24 26 | |
| 30 34 | |
| 40 50 | |
| 60 64 | |

Recommended P.C.B Layout(Top Side)
 (PCB BOARD TOLERANCE±0.05)

Diagram showing pin spacing of 2.54 and a circular feature with diameter φ1.02. A dimension of 2.54 is also indicated.

Dimension L

Two diagrams showing latch profiles. The 'Long Latch' has a height of 7.85. The 'Short Latch' has a height of 4.50.

Long Latch

Short Latch

Top view of the connector showing dimensions: 2.54±0.10, 4.35, 2.54XNo.of Contacts/2-2.54±0.20, 2.54XNo.of Positions+19.20±0.30, 2.54±0.10, and 8.30±0.20.

Side view of the connector showing dimensions: 22.86, 6.00, 4.35, 13.30, 17.00, 2.54XNo.of Positions+9.00±0.20, and SQ 0.64.

Three diagrams showing connector variants: 'without Latch' (height 3.30), 'with short Latch' (heights 3.30±0.25 and 23.20±0.30), and 'with long Latch' (heights 3.30±0.25 and 27.60±0.30). All have a pin spacing of 2.54±0.15.

RoHS compliant
 Unit: mm

UL logo and File No.: E198287

| Scale | Free | ⑨ | Add UL file no. | 12.12.2013 | Amy | | Date | Name | Customer-No. | |
|-----------|-------|-----|-------------------------------------|------------|--------|----------|------------|------|-----------------------------------|-------|
| TOLERANCE | | ⑧ | Add the Fulled Tinned Version | 11.11.2013 | Winnie | Drawn | 25.01.2006 | Alex | ASSMANN WSW-No. AWH xxG-0xx2-T | |
| X.X | ±0.40 | ⑦ | Update | 30.08.2013 | Winnie | Approved | 12.12.2013 | Amy | | |
| X.XX | ±0.25 | ⑥ | Update the dimension of short latch | 29.03.2013 | Winnie | | | | | |
| X.XXX | ±0.15 | ⑤ | Correct drawing of short latch | 04.05.2010 | Dean | | | | | |
| Angle | ±3° | ④ | Modify dimensions | 03.11.2009 | Dean | | | | Drawing-No. | |
| | | Id. | Modification | Date | Name | | | | ASS 2310 CO | rev09 |
| | | | | | | | | | Replace | Sheet |

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